

Lesson Summary



In this lesson, you've learned to perform the essential **data preparation and management** tasks involved in machine learning:

- Data importing and transformation
- The use of *datastores* and *datasets*
- Versioning
- Feature engineering
- Monitoring for data drift

The second major area we covered in this lesson was **model training**, including:

- The core model training process
- Two of the fundamental machine learning models: *Classifier* and *regressor*
- The model evaluation process and relevant metrics

The final part of the lesson focused on how to get better results by using multiple trained models instead of a single one. In this context, you learned about **ensemble learning** and **automated machine learning**. You've learned how the two differ, yet apply the same general principle of "strength in numbers". In the process, you trained an ensemble model (a decision forest) and a straightforward classifier using automated Machine Learning.